Introduction to Python & Data

Research Data Management Support

02-03-2023

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Welcome!

Python is a powerful programming language that is popular can be used to write scripts for to work effectively and reproducibly with data. In this workshop, we aim to give you the tools to start exploring Python and all it has to offer by yourself.

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1 Acknowledgements

Our course materials are an adaptation of the …. Carpentries course, reused under a CC-something license. The Intro to R & Data course at UU also served as a reference.

1.1 Contributors

- Jelle
- Christine
- Roel
- Neha
- Stefano

2 Schedule

we can add a detailed schedule here later

3 Installation & Setup

Hello plz don't download Python from the Microsoft Store :P

4 Course Materials

You can download the course materials as individual files or as zip files

- insert links to datasets and notebooks and zip files etc. below

5 Introduction

What is Python? Why do we like it so much more than R? Let's get going!

6 Python 101

Let's try out some Python!

```python
2 + 2
```

4

```python
print("Hello World")
```

Hello World

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

7 Data Science with Pandas

Let's try out the Pandas library!

```python
2 + 2
```

4

```python
print("Hello World")
```

Hello World

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

References

Knuth, Donald E. 1984. "Literate Programming." *Comput. J.* 27 (2): 97–111. https://doi.or
g/10.1093/comjnl/27.2.97.